

Program Requirements Document Subcontractors	SAFETY SIGNS, COLOR CODES, AND BARRIERS	Identifier: PRD-2022 Revision: 1 Page: 1 of 4
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Manual: Subcontractors Requirements

CATEGORY 3

DAR Number: 11993

1. PURPOSE

This document establishes requirements for using safety signs, color codes, and barriers to warn employees of hazards that exist in their work area. This document highlights requirements referenced in the **Source Requirements** section, as well as LMITCO requirements. Any applicable regulatory or LMITCO requirements must be followed, with the most stringent requirement being met.

2. SCOPE AND APPLICABILITY

This document applies to all subcontractors working at the INEEL as **specified** in their contract with LMITCO. Stricter requirements may be imposed by subcontractors upon their employees or subtier contractors. The requirements of this document must be followed by subcontractors; however, the means of implementation may vary as determined by the subcontractor.

3. REQUIREMENTS

3.1 Use of Signs and Barriers

- 3.1.1 Standard approved safety signs, colors, and barriers shall be used to identify workplace hazards and provide safety instructions.
- 3.1.2 Danger signs shall be used only where an immediate hazard exists.
- 3.1.3 Caution signs shall be used only to warn against potential hazards or to caution against unsafe practices.
- 3.1.4 The standard, approved color codes identified in Appendix A shall be used at the INEEL.
- 3.1.5 Signs/barriers required by standards or LMITCO requirements documents shall be in place before starting work.
- 3.1.6 Employees and visitors to work areas shall be required to observe and follow all posted signs and barriers.
- 3.1.7 Safety signs or barriers that have been placed for temporary use shall be removed promptly when the work is completed or the hazard no longer exists.

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3.2 General Barricades

- 3.2.1 Stands or posts for general barricading shall be no more than 25 feet apart.
- 3.2.2 Stands or posts that are subject to wind shall be weighted so that they remain erect.
- 3.2.3 Signs appropriate for the hazard to be identified shall be liberally placed around the area.

3.3 Construction Area Demarcation

- 3.3.1 The minimum space required to perform construction activities shall be designated.
- 3.3.2 If sidewalks or other access ways can safely be maintained through the construction area, an effort shall be made to do so. If sidewalks are maintained through a construction area, barriers (as described below) shall be established on both sides of the sidewalk.
- 3.3.3 Black and yellow ribbon or tape or orange safety fence shall be used to create a controlled area around all construction areas.
- 3.3.4 Stands or posts subject to wind shall be weighted or otherwise secured so they remain erect.
- 3.3.5 Entry/exit locations shall be established for every controlled construction area.
- 3.3.6 Signs appropriate to the construction hazards shall be liberally used around the construction area. The maximum distance allowed from sign to sign is 50 feet.
- 3.3.7 Signs shall indicate that the area is a construction area, that only authorized personnel are allowed access, and that entry to the controlled area must be through an established entry/exit location.
- 3.3.8 Signs shall be posted at each entry/exit location. In addition to the information mentioned in paragraph 3.3.7, these signs shall state the following:
 - A. CAUTION! Construction Area. Authorized Personnel Only.
 - B. All visitors and nonauthorized personnel must obtain access approval from [name or title of designated person, with telephone number].

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3.3.9 Signs at entry/exit locations shall also include the name of the controlling organization, with site telephone number, and shall list applicable PPE requirements.

3.4 Access Control

3.4.1 Access requirements shall be maintained for controlled areas.

3.4.1.1 Before crossing a barrier or entering into a controlled access zone, personnel shall comply with access requirements such as training, personal protective equipment (PPE), and permission for entry.

3.4.1.2 Any unauthorized person who is discovered in an controlled access zone shall be escorted to a safe area, and the work supervisor shall be immediately informed.

NOTE: *Other actions, such as performing an exposure assessment, may also need to be taken when an unauthorized person is found in an access control area.*

3.5 Maintenance of Signs and Barriers

3.5.1 Missing, damaged, or deficient signs or barriers shall be replaced promptly.

4. DEFINITIONS

None

5. REFERENCES

5.1 Source Documents

29 CFR 1910.145, Specifications for Accident Prevention Signs and Tags

29 CFR 1926.200, Accident prevention signs and tags.

5.2 Related Requirements

The following documents may also contain requirements that apply to this activity:

None

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6. APPENDICES

Appendix A, Color Codes and Definitions for Standard Safety Signs and Barriers

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APPENDIX A

Color Codes and Definitions for Standard Safety Signs and Barriers

Description	Definition
Red	Danger also fire protection equipment
Orange	Warning also construction fence
Magenta and yellow	radiation hazard
Yellow	Caution safety equipment
Green	also emergency egress
Blue	safety information safety rope
Black/Yellow	also construction areas
Any rope, chain, or tape*	barrier to unauthorized entry

* color or type not specified